

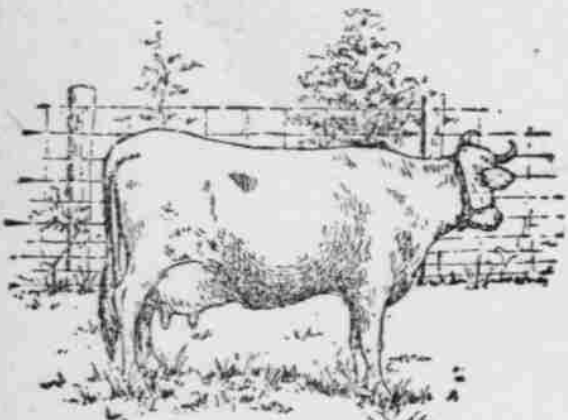
AGRICULTURAL HINTS.

MODEL DAIRY COW.

The Relation Between Form and Performance, Says Webb Donnell, Is Very Close.

Those best qualified to judge in such matters have long taught that there are certain outward marks by which a good dairy cow can be told. None of these teachers, so far as I know, have claimed that one can invariably pick a good cow by her outward form. There are exceptions to all rules, but it is certain that a great majority of the best dairy cows of the world possess in large measure the outward signs that, grouped together, have given us what is called "dairy form."

An instance confirmatory of this came under my notice recently. It was my good fortune to be able thoroughly to examine that wonderful Jersey cow, Signal's Lily Flag, with her championship record of 1,047 pounds nine ounces of butter in one year, now owned at Hood farm. I present herewith a sketch of this cow, made from life, and offer it as another evidence that the highest excellence at the churn is quite sure to be



PICTURE OF A MODEL COW.

accompanied by a typical dairy form. This cow has proved herself to be one of the greatest dairy cows living, and at the same time she captivates the eye by her wonderful beauty of form. She has the general wedge shape of body, the round barrel, the loose, soft skin and golden color, the clean-cut head and waxy horns, and, above all, perhaps, a wonderful development of udder—not so remarkable in size as in its splendid shape, particularly in the forepart. Note the exceeding fullness in the forepart of the udder, in distinction to the pinched appearance so often seen in that part. Her teats are large and finely placed, and in general there is the look of the almost perfect cow about her, take her where you will.

Perfection of form will not guarantee excellence at the pail and churn, but the possession of it goes a long way toward giving confidence that the possessor of it has the best dairy qualities, as well as the possession of dairy shape. On the other hand, I have rarely seen a cow with an absence of the outward marks which are accepted as indicating quality that has proved to be of any particular merit. Others may have found merit occasionally in cows that are without dairy form or feature, but this surely has been exceptional. In buying dairy cows the wise course is to consult the ancestry of the animals, meanwhile comparing the cows, point by point, with the ideal butter cow—an ideal form that to me, at least, is not far away from the shape of Signal's Lily Flag, which is here delineated.

One has only to go about, even through what are called our best dairy districts, to note the great prevalence of cows with small, pinched udders, small, irregularly-placed teats, flat sides and light hindquarters. Some herds seem hardly to be relieved by the presence of even one cow that carries in her body the signs of excellence at the churn. It is small wonder then that we find such herds averaging 200 to 250 pounds of butter a year, with some of the cows probably not producing more than 150 pounds a year—if as much as that. There are thousands of cows in every state that are being kept at an actual loss, the owners not knowing it, because they never test their cows, either scientifically with a Babcock tester, or practically by setting the measured milk of each cow by itself for seven days, or even for one day, and noting the result in cream and butter. This would show at once the cows that are "queering" the dairy business. And when the owner of a herd has thus weeded out the poor cows I am quite sure he will find that practically all of these discredited animals are markedly deficient in the accepted "dairy form."

FRESH DAIRY NOTES.

Timothy hay is a poor milk producer. The stables in which cows are kept should be light. Never feed while milking. It is better to feed just after milking. The cow will not drink as much ice cold water as she should drink. Cows ought not to be kept in a temperature below 50 or above 60 degrees. Winter dairying gives the farmer and his help employment in a dull season. These feeds have a tendency to loosen the bowels: Alfalfa, sorghum hay, ensilage, roots, bran and linseed meal. The milk cow must have plenty of water and the reader knows that we think it should be warmed in winter. Succulent foods in winter have as much value as medicine as they do as food. They keep the system healthy. The fall calf can have the advantage of receiving abundant care, for the farmer in winter has time to bestow it. —Western Plowman.

The great value of grafting and budding is that when a choice fruit is obtained it may be continued in all of its excellence.

CONGRESSIONAL AID.

Why the National Government Should Take a Money Interest in Road Improvement.

Another expression in favor of having congress take action on the subject of road improvement appears in the Greenville (Mich.) Democrat, in an interview with Dr. A. W. Nichols. The doctor speaks of the necessity of having better roads, and then continues:

"I believe that this country will never have good roads until the government has adopted the policy of supervision and construction of the same. Most of the civilized governments of the old world have built their roads by government appropriations. * * * Government appropriations for good roads would not be felt, but would be a benefit by way of clearing farms of stone and giving employment to labor. * * * The importance of roads for military purposes, leading into the interior territories and to the frontier was early appreciated, and some important routes were opened by the general government; as the national road from Baltimore through Wheeling and Cincinnati to St. Louis, and that from Bangor to Houlton, in Maine. * * *

"It has been estimated that \$20,000,000 appropriated by the government among the several states in proportion to their agricultural population, and that subdivided and distributed among the counties of each state in proportion to the agricultural population of each county, would give the average agricultural counties of this state from \$15,000 to \$25,000 each, and in 12 or 15 years' time the counties would be provided with good macadamized roads, provided stone were reasonably accessible. * * * I believe in liberal appropriations for all the departments of our government, but I cannot see why the great agricultural interests should be neglected. If our billion-dollar congresses would appropriate the small amount of \$20,000,000 a year for good roads, it could not, in my judgment, be better applied in developing our country and, at the same time, meet the wants of our people, especially in the agricultural districts.

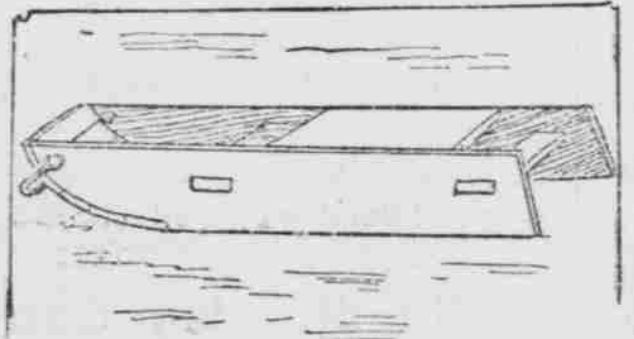
"The importance of good roads is becoming so well recognized that they are a probability of the near future, and their cause should be championed in congress as soon as possible. Thus far, of late years, all moneys used in the construction of good roads have been secured by a direct tax upon the people living along the lines of such roads, or those living in the counties or states where such roads are located, and has proven a heavy burden upon those people. * * * The government can conduct this matter much better than states, and the revenue required to meet the expenditure would be so small that it would not be even felt by the people. * * * The coffers of the government are now being filled to overflowing under the present system of revenue, and the war taxes could be reduced many times and yet have sufficient funds to meet this appropriation of \$20,000,000 annually for good roads, and, at the same time, leave all other departments of the government well provided for. * * *

"I believe that if a member of congress would champion government appropriations for good roads, that he would find no difficulty in securing petitions signed by a large majority of the people, urging the enactment of such a law. * * * Let the people wake up on the subject of good roads and national appropriations for the same, for it will benefit the farmer more than any other improvement that I know of, and give employment to labor and would likewise prove advantageous to all interests of the country especially to interior cities and villages."

EFFECTIVE SNOW PLOW.

Although Easily Made at Home, It Has No Superior for Breaking Country Highways.

Breaking roads in winter is always laborious work, and, worst of all, it not infrequently happens that a great deal of the energy expended is wasted. To push the snow, for example, out at the sides of the road simply results in a deep cut which soon fills up, especially



EFFECTIVE SNOW PLOW.

if it is drifting, and so does not give a hard track for travel. The accompanying illustration shows a kind of plow that is homemade and can easily be surpassed for breaking out country highways when the snow is waist deep. It is constructed entirely of planks and nails (large wire ones), as can be seen, except that there is a board on top for the arrangement of a seat, and two staples in front (one on each side) for the attachment of the drawing chains. The machine rides over the drifts and packs them down, thus giving a firm roadbed without piling up snow at the sides, and as any amount of weight almost can be placed upon it the good it is capable of achieving is perfectly marvelous. Providing the snow will "pack," this is emphatically true. Just try it some time and see.—Frederick O. Sibley, in N. Y. Tribune.

When a development of fruit buds is wanted, pruning the tree when in a dormant state will best secure this result. Pruning during growth produces growth of wood.

The first six or seven years in the life of a fruit tree are usually spent best in growth. Too early fruit bearing is injurious.

HAD AN ARMY APPETITE.

Jim's Brother Comes Back from the War with an Aching and Limitless Void.

"Beats all," said the Third Bookkeeper, carefully wiping the old inked pen he had been using in the carryover books of the Fourth Bookkeeper, who was used to it by this time and didn't mind; "beats all the appetites these fellows bring back from the army."

He laid down the pen and revolved the top of his stool until he faced the Second Bookkeeper, and then proceeded to explain:

"My brother—got a head for figures, you know, like me; runs in the family—enlisted in the engineer regiment from New York and went to Porto Rico. Came back the day after Thanksgiving, you know, I was mighty glad to see him safe and sound, you bet; but he didn't give me no surprise not till Sunday. Spent all day Saturday getting off his sea legs, but Sunday he cut loose, and you'd oughter seen that feller eat!" And the Third Bookkeeper lost himself in rapt memory for a few minutes, till the Second Bookkeeper dropped a ruler and brought him out of his trance.

"We had stuffed fresh ham for dinner, and it was lucky my wife and I don't eat much, because my brother ate it all anyway, and sent his plate up for four helps of the other things. He said he hadn't been starved in the army, but had got in the habit of eating pretty hearty when he had a chance in case it would be a long time before he got another. I told him to keep right on, but he didn't need any encouragement. He kept. The hull afternoon he loaded in popcorn and peanuts and candy, so as to fill in the chinks, he said. He said you didn't go in for nourishment in the army, only for filling. What a man wanted was to get so that he couldn't put his belt on, but that he hadn't got that way any too often. I wondered if he hadn't used up all his reasons now for gorging himself. But he hadn't.

"Along about 8:30 in the evening, a couple of hours after supper—and supper wasn't no mean meal, either—he said to me: 'Jim, I used to lie on my back down there in Porto Rico and try to think and think of the things I'd eat when I got back home, but I never got much past ice cream. I hated to say anything about it all day, because it's snowing and blowing, and it ain't ice cream time. But, Jim, all those times I thought of ice cream down there in those tropic heats have just accumulated, and I can't stand it. I've got to have ice cream or bust. Don't you know a good place near by where you can go out and get me some?'"

"I told him he was more likely to bust if he got it, but it wouldn't do. He said his tongue was going to protrude in another minute if I didn't get started, so I went, and I never felt so much like a blundering fool as I did that night, plowing through the snow and struggling against the wind, hunting for ice cream. But I'd made up my mind that my brother should have two or three good days after all his sacrifices, and I just swallowed my pride.

"I thought he was done for the day when he got that cream down, and along about 11 o'clock we were abed and asleep. But do you think he was done? Not a bit of it. A little after midnight I heard what sounded like rapping on my door, and I got up to see what it was, and there was my brother in his stocking feet and a candle in his hand. 'Jim,' he says, 'I'm where does Bella keep the oranges? I've been hunting for them all over. I didn't want to disturb you, but I just must have those oranges. They were the only good things we had to eat down south, and the recollection was too much for me. I've been hankering for them for the last hour.'

"I felt a little as though he was crazy. I didn't know but what his experience in the army had been too much for him, and I didn't know but what he'd kill himself eating. But I thought he might as well die happy, so I prodded up the oranges, and I didn't hear any more out of him that night.

"Was he sick? He'd oughter been, oughtn't he? Well, he wasn't. Beats me how he pulled through. I suppose the simple life of the army gives a man the stomach of an ostrich. Anyway, my brother came back with one," added the Third Bookkeeper, reflectively, as he turned to his ledger again and squinted along the ruler to see if he had laid it straight.—N. Y. Sun.

Cinnamon and Microbes. There was, perhaps, more virtue in our grandmothers' "yarb tea" than we have been willing to admit. At any rate various forms of it are now and again authorized by physicians, the latest being the old-fashioned cinnamon tea, which used to be administered on any and all occasions. Cinnamon is said to be inimical to microbe life, and decoctions and essences made from it are being tried as a preventive of the spread of cholera, typhoid fever and like germ diseases. Those nursing diphtheria patients are advised to gargle the throat with essence of cinnamon and alcohol in water. Just how valuable this advice is remains to be proven, but it can do no harm to try it. —Cincinnati Commercial Tribune.

Spanish Onions and Mince. Take large onions, skin, and boil them in salt water until you can slip out the center of the onion. Into the aperture thus made put any sort of meat, finely minced and agreeably seasoned. Uncooked meat is best, but any scraps of previously-dressed meat may be used. A little sage and onion may be mixed in if liked. It is a matter of taste. Put the stuffed onions on a meat tin with a little butter. Set in a moderate oven, and bake while cooking. The onions should be a rich brown when done; serve with good gravy.—Boston Globe.

POLICEMAN PAINTED GREEN.

Servant Girl's Lover Shows Anger at Her Discharge in a Peculiar Way.

George Patterson loved a young woman named Berry, who worked for Dr. Eugene O. Bachman, of 312 West Thirty-fourth street, New York. She was discharged two months ago, but Patterson did not know it. He used to come every night and hang around outside the house, casting lover's glances at the windows. Finally he found out that his sweetheart had been discharged. He apparently kept away from the house thereafter, but his displeasure was made abundantly manifest.

The doctor's steps and areaway began to look nearly every morning like a garbage dump. Decayed fruit and vegetables and dead cats were nightly deposited in the area. Occasionally the doctor would find a fresh coat of green paint on his basement windows.

Two weeks ago Policeman Gutnecht was detailed to watch the doctor's house, and the other night he saw a man coming along the street with a paint pot. He sneaked into the area of Dr. Bachman's house and began work on the basement windows. Gutnecht crept up on the man and caught him. "You won't do any more painting," the officer cried.

"Oh, I don't know," Patterson answered, and, swinging the paint brush, which he still had in his hand, he brought it down on the officer's face. With that the fight began. When they got through the policeman was green and the man was red, but the policeman was not green enough to let his prisoner go, and took him to the station-house, where he was identified as Miss Berry's former suitor. He was locked up.

QUEEN WILHELMINA.

The Young Sovereign Makes It Her Custom to Personally Inspect All Cabinet Business and Petitions.

That Queen Wilhelmina is determined not to be a simple figurehead in the government of the Netherlands has recently been evinced in numerous instances.

The officers of a prominent society of The Hague, having occasion to submit a new constitution for royal approval, were counseled by a lawyer to address themselves to the secretary of the ministry. As it is her majesty's custom to daily inspect the business before her cabinet and to confer with her ministers, she instructed the secretary to return the document to the society with the following notice for publication:

"It is the expressed wish of her majesty, Queen Wilhelmina, that all business of importance and all requests for royal aid shall be sent direct to her majesty. Furthermore, the queen announces herewith that her subjects may rest assured that all reasonable petitions will receive her prompt consideration."

"All letters are to bear this simple address: 'To her majesty, Queen Wilhelmina.' The secretary of the cabinet has been instructed to return in future all letters and documents intended for the queen personally and not addressed as directed."

Paper Bananas to Fool Hoodlums. Bunches of bananas made of papier mache have been introduced as signs on the wharves of New York, where the depredations of hoodlums are frequent. It is proposed to add wooden peanuts for the benefit of policemen and other friendly samplers of the stock in trade.

THE MARKETS.

CINCINNATI, Jan. 8.
LIVESTOCK—Cattle, common, 80 @ 85
Select butchers, 4 15 @ 4 60
CALVES—Fair to good light, 5 50 @ 6 25
HOGS—Common and heavy, 3 90 @ 3 80
Mixed packers, 3 35 @ 3 50
Light shippers, 3 40 @ 3 50
SHEEP—Choice, 3 35 @ 3 75
LAMB—No. 1, 5 00 @ 5 25
FLOUR—Winter family, 2 40 @ 2 60
GRAIN—Wheat—No. 2 red, new, 70 1/2 @ 70 1/2
No. 2 red, 69 1/2 @ 69 1/2
Corn—No. 2 mixed, 60 @ 60
Oats—No. 2, 40 @ 40
Rye—No. 2, 40 @ 40
HAY—Prime to choice, 8 20 @ 8 50
PROVISIONS—Mess pork, 61 1/2 @ 61 1/2
Lard, 5 50 @ 5 50
BUTTER—Choice dairy, 22 @ 22
Prime to choice creamery, 19 1/2 @ 19 1/2
APPLES—Choice to fancy, 3 50 @ 4 00
POTATOES—Per bushel, 1 00 @ 1 50

CHICAGO, Jan. 8.
FLOUR—Winter patent, 3 40 @ 3 50
GRAIN—Wheat—No. 2 red, 70 1/2 @ 70 1/2
No. 3 Chicago spring, 69 1/2 @ 69 1/2
Corn—No. 2, 60 @ 60
Oats—No. 2, 40 @ 40
PORK—Mess, 9 70 @ 9 75
LARD—Steam, 5 45 @ 5 50

NEW YORK, Jan. 8.
FLOUR—Winter patent, 3 25 @ 4 00
GRAIN—Wheat—No. 2 red, 70 1/2 @ 70 1/2
Corn—No. 2 mixed, 60 @ 60
Oats—No. 2, 40 @ 40
Rye—No. 2, 40 @ 40
HAY—Western, 4 10 @ 4 25

BALTIMORE, Jan. 8.
FLOUR—Family, 3 25 @ 3 50
GRAIN—Wheat, 70 1/2 @ 70 1/2
Southern Wheat, 71 @ 70 1/2
Corn—Mixed, 40 @ 40
Oats—No. 2 white, 30 @ 30
Rye—No. 2 Western, 40 @ 40
CATTLE—First quality, 4 10 @ 4 25
HOGS—Western, 3 15 @ 3 30

INDIANAPOLIS, Jan. 8.
GRAIN—Wheat—No. 2, 60 1/2 @ 60 1/2
Corn—No. 2 mixed, 60 @ 60
Oats—No. 2 mixed, 35 @ 35

LOUISVILLE, Jan. 8.
FLOUR—Winter patent, 3 25 @ 4 00
GRAIN—Wheat—No. 2 red, 70 1/2 @ 70 1/2
Corn—Mixed, 60 @ 60
Oats—Mixed, 30 1/2 @ 30 1/2
PORK—Mess, 9 70 @ 9 75
LARD—Steam, 5 45 @ 5 50

PEACE VERSUS PAIN.

We have peace, and those who are sorely afflicted with NEURALGIA will have peace from pain and a perfect cure by using ST. JACOBS OIL.

Devious Definitions.
Play—The work we do that isn't compulsory.
Bachelor—A pair of scissors with one blade missing.
Sleep—The only satisfactory substitute for insomnia.
Rivals—One pointing with pride to what another views with alarm.
Immune—A man who has been married so long that he doesn't mind it.
Woman—A labor-saving device that helps a man make a fool of himself.
Flirt—A girl who makes a fellow want to kiss her and then won't let him.
Conceited—The woman who dubs a man a woman hater just because he doesn't admire her.
Autopsy—A method employed by doctors to determine the nature of the patient's ailment.

A Double Crop of Apples.
On a Long Island farm is an apple tree which bore two crops of fruit the past year, and the farmers are taking unusual interest in this peculiarity of nature. Just as much interest has been shown in Hostetter's Stomach Bitters, which has the peculiarity of curing dyspepsia, indigestion, constipation and blood disorders that other remedies fail to benefit. In chronic cases it rarely fails, and it cures whenever a cure is possible.

When True Love Quits.
If the engagement lasts long enough, the girl grows careless and makes her appearance before her steady in her kitchen clothes, and with her hair uncombed. Then Love, in the man's heart, folds its tired hands on its breast and breathes its last.—Atchison Globe.

Feminine Sisterliness.
"What made you lose your place in the line?"
"Because I wasn't going to be kissed by the lieutenant right after he had smacked that odious, peppermint chewing Bagley girl!"—Cleveland Plain Dealer.

How's This?
We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.
F. J. Cheney & Co., Props., Toledo, O.
We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.
West & Truax, Wholesale Druggists, Toledo, O.
Walding, Kinnam & Marvin, Wholesale Druggists, Toledo, O.
Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price 75c. per bottle. Sold by all Druggists. Testimonials free.
Hall's Family Pills are the best.

It All Depended.
The General—I have stood unmoved when shells were bursting round me. Could you?
The Actor—Well, that would depend a great deal on the age of the eggs.—Stray Stories.

To Cure a Cold in One Day.
Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

Small Realization.
"Of all my expectations in life," said the somber-visaged man, "I have realized only one; and that was the expectation that I should fail to realize the others."—N. Y. Sun.

Dropsy treated free by Dr. H. H. Green's Sons, of Atlanta, Ga. The greatest dropsy specialists in the world. Read their advertisement in another column of this paper.

"I always want introductions to long-haired men." "Why?" "I like to discover what subjects they are foolish on."—Chicago Daily Record.

We think Piso's Cure for Consumption is the only medicine for Coughs.—Jennie Pinckard, Springfield, Ill., Oct. 1, 1894.

The Chinese actor never goes on the stage without his cue.—Chicago Daily News.

Pleasant, Wholesome, Speedy, for coughs is Hale's Honey of Horehound and Tar. Pike's Toothache Drops Cure in one minute.

Too many make a god out of the majority.—Ran's Horn.

A captured ostrich always means a feather in somebody's cap.—Chicago Daily News.

The best efforts of the chairmaker are constantly being sat upon.—Golden Days.

CASTORIA

For Infants and Children

Bears The Signature Of *Chat. H. Fletcher.* In Use For Over Thirty Years The Kind You Have Always Bought

STAR PLUG L. & M. NATURAL LEAF PLUG CLIPPER PLUG CORNER STONE PLUG SLEDGE PLUG SCALPING KNIFE PLUG SLEDGE MIXTURE SMOKING LIGGETT & MYERS TOBACCO CO'Y, Manufacturer.

"IF AT FIRST YOU DON'T SUCCEED," TRY **SAPOLIO**

OLD SORES CURED
Allen's Ulcerine Salve is the only sure cure in the world for Chronic Ulcers, Bone Ulcers, Scrofulous Eruptions, Varicose Ulcers, White Swelling, Fever Sores, and all Old Sores. It never fails. Draws out all poison. Saves expense and suffering. Cures permanent. Best salve for Boils, Carbuncles, Piles, Salt Rheum, Burns, Cuts and Fresh Wounds. By mail, send for Circular. Book free. J. P. ALLEN MEDICINE CO., St. Paul, Minn. Sold by Druggists.

READERS OF THIS PAPER
DESIRING TO BUY ANYTHING ADVERTISED IN ITS COLUMNS SHOULD INSIST UPON HAVING WHAT THEY ASK FOR, REFUSING ALL SUBSTITUTES OR IMITATIONS.

Catalogues of THOUSANDS of FREE PLAYS
Largest Assortment in the World. All kinds of Books for Home Amusements, including 100 New Plays Just Issued. Charades, Riddles, Children's Plays, Negro Plays, Dialogues, Mrs. Jarley's Wax Works, Fairy Plays, Paper Bouquet, Play for Sale. Amusements Guide to the Stage, Guide to Selecting Plays. "How to Make Up." SAMUEL FRENCH, 26 W. 22d St., New York City.

PISO'S CURE FOR
CURES WHERE ALL ELSE FAILS.
Best Cough Syrup. Tastes Good. Use in time. Sold by druggists.
CONSUMPTION
A. N. K.-E 1743
WHEN WRITING TO ADVERTISERS please state that you saw the Advertiser in this paper.